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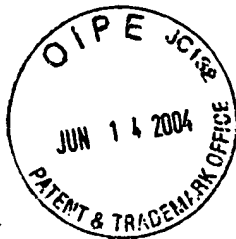
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REALNET.187A



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Grandy, et al.)
)
App. No.	:	10/668,824)
)
Filed	:	September 22, 2003)
)
For	:	SYSTEM AND METHOD FOR)
		PROVIDING INTEGRATED MEDIA)
)
Examiner	:	Unknown)
)

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION
AND
REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventors to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventors to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, California 92614, Telephone (949) 760-0404, Customer

App. No. : 10/668,824
Filed : September 22, 2003

No. 20,995, and Steven Stewart, Registration No. 33,555, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

RealNetworks, Inc.

Dated: 6/1/04

By: 

Robert Kimball

Title: Vice President,
General Counsel and Corporate Secretary

Address: 2601 Elliott Ave., Ste. 1000
Seattle, WA 98121

S:\DOCS\DKW\DKW-1839.DOC
090803

ASSIGNMENT

WHEREAS, We, Leslie L. Grandy, a United States citizen, residing at 13515 184th Ave. NE, Woodinville, WA 98072, J. Mark Hall, a United States citizen, residing at 56 Clifton Gardens, Garden Flat, London UK W91AU, Scott H. Ehrlich, a United States citizen, residing at 4505 East Mercer Way, Mercer Island, WA 98040, Randy A. Meyerson, a United States citizen, residing at 6828 52nd Ave. NE, Seattle, WA 98115, Edward T. Mahlum, a United States citizen, residing at 14624 Spargur Loop Road, Bainbridge Island, WA 98110, Jeffrey M. Chasen, a United States citizen, residing at 3520 172nd Ave. NE, Redmond, WA 98052, Olaf W. Kowalik, a United States citizen, residing at 17701 22nd Place NE, Shoreline, WA 98155 and Karim Meghji, a United States citizen, residing at 6211 136 Place SW, Edmonds, WA 98026, have invented certain new and useful improvements in a SYSTEM AND METHOD FOR PROVIDING INTEGRATED MEDIA for which we have filed an application for Letters Patent in the United States, on September 22, 2003.

AND WHEREAS, REALNETWORKS, INC. (hereinafter "ASSIGNEE"), a Washington Corporation, with its principal place of business at 2601 Elliott Avenue, Suite 1000, Seattle, WA 98121, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

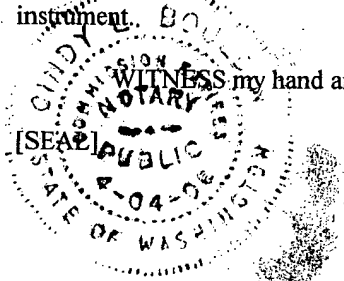
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14 day of Sept., 2003

Leslie L. Grandy
Leslie L. Grandy

STATE OF _____ }
COUNTY OF KING } ss.

On 9/16/03, before me, Cindy Boudin, personally appeared Leslie L. Grandy personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that she executed the same in her authorized capacity(ies), and that by her signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Cindy L. Boudin
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 20__.

J. Mark Hall

STATE OF _____ }
COUNTY OF _____ } ss.

On _____, before me, _____, personally appeared J. Mark Hall personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 20__.

Leslie L. Grandy

STATE OF _____

COUNTY OF _____

}
ss.
}

On _____, before me, _____, personally appeared Leslie L. Grandy personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that she executed the same in her authorized capacity(ies), and that by her signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 21 day of May, 2004

J. Mark Hall

STATE OF _____

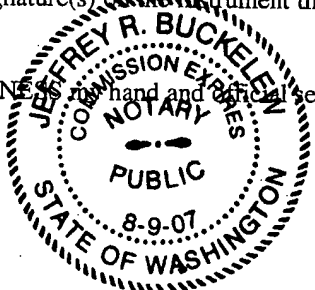
COUNTY OF _____

}
ss.
}

On 5/21/04, before me, JEFFREY R. BUCKELAW, personally appeared J. Mark Hall personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Jeffrey R. Buckelaw
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 30th day of April, 2004

Scott H. Ehrlich
Scott H. Ehrlich

STATE OF

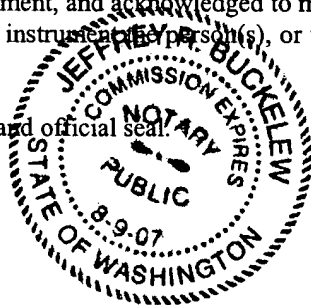
SS.

COUNTY OF

On APRIL 30 2004, before me, SCOTT H. EHRLICH, personally appeared Scott H. Ehrlich personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Notary Signature
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 20__.

Randy A. Meyerson
Randy A. Meyerson

STATE OF

SS.

COUNTY OF

On _____, before me, _____, personally appeared Randy A. Meyerson personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Notary Signature
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 20__.

Scott H. Ehrlich

STATE OF _____

COUNTY OF _____

}
} ss.
}

On _____, before me, _____, personally appeared Scott H. Ehrlich personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 09 day of February 2004.

Randy A. Meyerson
Randy A. Meyerson

STATE OF _____

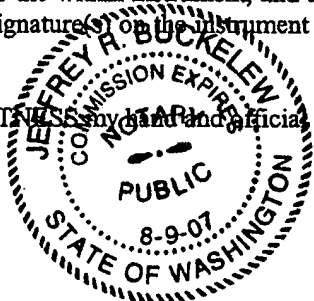
COUNTY OF _____

}
} ss.
}

On FEB 9, 2004, before me, JEFFREY R. BUCKLEW, personally appeared Randy A. Meyerson personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Jeffrey R. Bucklew
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5 day of FEBRUARY, 2004

Edward T. Mahlum
Edward T. Mahlum

STATE OF

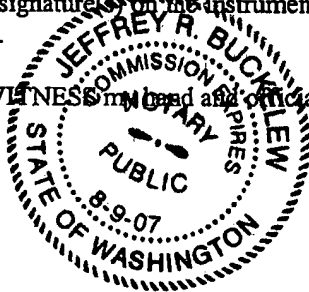
COUNTY OF

ss.

On FEB 5, 2004, before me, JEFFREY R. BUCKLEW, personally appeared Edward T. Mahlum personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Jeffrey R. Bucklew
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5 day of Feb, 2004

Jeffrey M. Chasen
Jeffrey M. Chasen

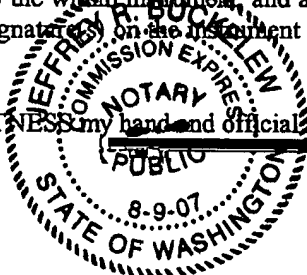
STATE OF WASHINGTON

COUNTY OF KLING

ss.

On FEB 5, 2004, before me, JEFFREY R. BUCKLEW, personally appeared Jeffrey M. Chasen personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Jeffrey R. Bucklew

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 9th day of February, 2004

Olaf W. Kowalik
Olaf W. Kowalik

STATE OF

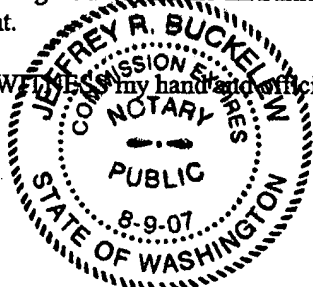
COUNTY OF

ss.

On 2/9/04, before me, JEFFREY R. BUCKLEW, personally appeared Olaf W. Kowalik personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Jeffrey R. Bucklew
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5th day of February, 2004

Karim Meghji
Karim Meghji

STATE OF WASHINGTON

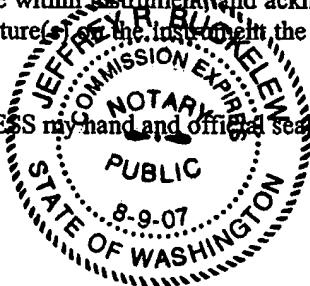
COUNTY OF KING

ss.

On FEB. 5, 2004, before me, JEFFREY R. BUCKLEW, personally appeared Karim Meghji personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Jeffrey R. Bucklew
Notary Signature